

Title (en)
HARD SURFACE VACUUM CLEANING DEVICE

Title (de)
HARTFLÄCHENABSAUGGERÄT

Title (fr)
DISPOSITIF D'ASPIRATION DE SURFACES DURES

Publication
EP 2230980 A1 20100929 (DE)

Application
EP 08870297 A 20081218

Priority
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Abstract (en)
[origin: WO2009086892A1] The invention relates to a hard surface vacuum (10) comprising a suction nozzle (80) and a suction unit (16), for vacuuming a liquid-air mixture from a hard surface, and comprising a separating device (72) for separation liquid from the liquid-air mixture, and a waste liquid tank (25) for receiving the separated liquid. In order to obtain a continuous suction flow, regardless of the fill level of the waste liquid tank, without the danger of the liquid that is present in the waste liquid tank of flowing out, a separating chamber (65) is arranged between the suction nozzle (80) and the suction unit, said chamber housing the separating unit and being connected to the waste liquid tank, wherein the flow path from the suction nozzle to the suction unit leads past the waste liquid tank, and the hard surface vacuum comprises a filling device (60) with an inlet channel (50) having a filling opening (51). Beneath the filling opening (51), the waste liquid tank comprises a collecting chamber (55) for separated liquid, and the filling channel is surrounded by an alternative chamber (56) of the waste liquid tank (25), said chamber receiving liquid from the collecting chamber when pivoting the hard surface vacuum from the vertical position.

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Citation (search report)
See references of WO 2009086892A1

Cited by
WO2015007327A1; WO2015007329A1; CN111601533A; CN107581967A; JP2016527951A; WO2015007325A1; DE202013012367U1; WO2019161932A1; EP2837316A2; US10258207B2; WO2015007328A1; US9974420B2; WO2015007323A1; EP3245925A1; EP3021723B1; EP3021723B2

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